

1. 10272-66 111(11) 111 11, 11-1

ACC NR: AR6014552

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AUTHOR: In'kov, B. K.

36
B

TITLE: Some characteristics of the forms of distant atmospherics ✓

SOURCE: Ref. zh. Geofizika, Abs. 11A287

REF SOURCE: Tr. Gl. geofiz. observ., vyp. 177, 1965, 42-45

TOPIC TAGS: atmospherics, approximation calculation

ABSTRACT: The dependence of the form of an atmospheric not only on distance to the source but also on the direction of propagation is confirmed on the basis of analysis of obtained oscillograms. The oscillations are damped more sharply in the meridional direction than in the latitudinal direction. The variation of the length of successive quasi-half-cycles as a function of distance is described satisfactorily by the well-known formula, which is obtained as a result of approximate calculation.
Author's abstract [Translation of abstract]

SUB CODE: 04

Card 1/1 MLP

UDC: 550.388.2:621.391.81

INKOV, D.

The blast furnace. Nauka i tekhnolozhiya no.3:8-9 Mr '57.

IN'KOV, N.

Mass work of a club. Voen. znan. 37 no.8:34-35 Ag '61.
(MIRA 14:7)

1. Nachal'nik Moskovskogo gorodskogo kluba sluzhebnogo
sobakovodstva.

(Dogs--Training)

IN'KOV, N.

Anniversary exhibition. Voen. znan. 37 no.12:38 D '61.
(MIRA 14:11)

1. Nachal'nik gorodskogo kluba sluzhebnogo sobakovodstva, g. Moskva.
(Dog breeding--Exhibitions)

IN'KOV, N.

Show of achievements of amateur dog breeders. Voan. znan.
39 no.11:37 N '63. (MIRA 17:2)

1. Nachal'nik Moskovskogo gorodskogo kluba sluzhebno
sobakovodstva Dobrovol'nogo obshchestva sodeystviya armii,
aviatsii i flotu.

IN'KOV, N.M.

KEUSHINSKIY, L.V., doktor biologicheskikh nauk; MERKUR'YEVA, Ye.K., kandidat sel'skokhozyaystvennykh nauk; IZRAILEVICH, I.Ye., kandidat veterinarnykh nauk; IL'INSKIY, S.A., veterinarnyy vrach; IN'KOV, N.M., veterinarnyy vrach; STOGOV, K.S., veterinarnyy vrach; VANICHEV, M.I., veterinarnyy vrach; MAZOVER, A.P., veterinarnyy vrach; ORLOV, A.P., veterinarnyy vrach; RYLOV, V.V., veterinarnyy vrach; SAKHAROV, N.A., veterinarnyy vrach; DIKAREV, P.I., redaktor; MUSHTAKOVA, L., tekhnicheskyy redaktor

[The working dog; manual for training specialists in raising work dogs] Sluzhebnaia sobaka; rukovodstvo po podgotovke spetsialistov sluzhebного sobakovodstva. Moskva, Gos. izd-vo selkhoz. lit-ry, 1952. 616 p. (MIRA 10:1)
(Dogs--Training)

IN'KOV, N.M., veterinarnyy vrach (g. Brody, L'vovskaya oblast', USSR).

Use of vaccines in distemper. Veterinariia 31 no.3:54-55 Mr '54.
(MLRA 7:2)

GERD, M.A.; IN'KOV, N.M.; MAZOVER, A.P.; NAZAROV, V.P.; ORLOV, A.P.;
SAKHAROV, N.A.; BABKINA, N.G., red.; GOR'KOVA, Z.D., tekhn.red.

[Principles of the raising of working dogs] Osnovy sluzhebnogo
sobakovodstva. Moskva, Gos.isd-vo sel'khoz. lit-ry, 1958.
367 p. (MIRA 11:12)

(Dogs)

3,5000

SOV/169-59-5-5007

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 5, p 98 (USSR)

AUTHOR: In'kov, V.K.

TITLE: On Measuring the Density of Volume Charges by the Electrostatic Fluxmeter ✓

PERIODICAL: Uch. zap. Kirovskiy gos. ped. in-ta, 1958, Nr 15, pp 73 - 80

ABSTRACT: The results of measuring the densities of volume charges (VC) in the atmosphere by two methods are described: by the electrostatic fluxmeter and by means of a cotton filter. By the first of the methods mentioned, the mean density of VC can be determined when great vertical gradients of VC density are absent in the investigated layer of air. The course of variations of the volume charge in time can be determined in some cases nearly equally by both of the methods. For increased humidity of air, (fog, rain), the absolute values of volume charge ρ determined from the readings of the fluxmeter exceed the values of ρ obtained by means of the cotton filter by 2 - 3 times. In the

Card 1/2

IN'KOV, V.K.

Measurement of the density of volumetric charges in the lowest
atmospheric layer. Trudy GGO no.177:72-75 '65.

(MIRA 18:8)

IN'KOV, Yu. I.

PA 19T53

USSR/Radio, Frequency Modulation Feb/Mar 1946
Communications - Development

"Use of Frequency Modulation in Radio Communica-
tions," Yu. I. In'kov, 4 pp

"Vestnik Svyazi - Elektro Svyaz'" No 2/3 (71-72)

Introduction contains the fact that Armstrong
developed the first FM set at Columbia University.
The remainder of the article discusses the effect
and principles of frequency modulation. Well
illustrated.

19T53

IN'KOV, YU. I.

PA 27795

USSR/Radio

Jan 1957

Circuits, Feedback
Communications

"Utilization of a Negative Feedback Circuit," Yu. I.
In'kov, 2 pp

"Vestnik Svyazi - Elektrosvyaz'" No 2 (82)

Negative feedback circuits are very economical to operate and thus have found wide distribution in communications. One of the chief advantages is a lessening of linear distortion. The author discusses the operation of his circuit and describes the reasons for lowering the linear distortion. Four circuit diagrams.

27795

INROV, Yu.

Machinery Industry

Intensification of the competitive struggle in the machinery market
of capitalistic countries, Vnesh. torg. 23, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

IN'KOV, Yuriy Ivanovich; KISHLEV, A.A., redaktor; VIGANT, Ya. Ya., tekhnicheskii redaktor.

[Radio apparatus; the market of capitalist countries] Radiosapparaty;
rynek kapitalisticheskikh stran. Moskva, Vneshtorgizdat, 1955. 70 p.
(Radio--Apparatus and supplies) (NIRA 9:5)

IN'KOV, Yu. I.; BRODSKAYA, A.B., redaktor; BARYKINA, M.A., redaktor;
POHOMAREV, V.A., tekhnicheskij redaktor.

[Electrical equipment and supplies; market in capitalistic
countries] Elektrooborudovanie i elektrotekhnicheskie izdeliia;
rynok kapitalisticheskikh stran. Moskva, Vneshtorg-izdat, 1955.
131 p. (MLRA 8:11)

(Electric industries)

IN' KOV, Yu

USSR/ Electronics - Automation

Card 1/1 Pub. 89 - 26/33

Authors : In'kov, Yu.

Title : Electronic instruments for automation of production processes

Periodical : Radio 2, 51-52, Feb 56

Abstract : Various uses of electronics in industry are enumerated, such as the use of electronic devices for checking on the smelting of metals in blast furnaces, for quality rolling of steel articles, and for automatic control of individual machines (outstanding example being the calculating machine), groups of machines and even whole shops. The working of machine tools under electronic control is discussed at some length and finally the use of television in shop work is cited. One English language reference (1955). Illustration.

Institution :

Submitted :

IN'KOV, Yu.

Printed circuits. (From "Communications and Electronics, 7 1955").
Radio no. 3:58-59 Mr '56. (MLRA 9:6)
(Radio--Apparatus and supplies)

INKOV, Yu.

A new commodity on the international market [with summary in English
p. 42]. Vnesh. torg. 27 no.2:28-33 '57. (MIRA 10:4)
(Electronic calculating machines)

IN'FOV, Yu.

International cable cartel [with English summary in insert].

Vnesh. torg. 28 no. 6:27-31 '58.

(MIRA 11:8)

(Monopolies)

IN'KOV, Yu.

Patents are the weapon of the monopolies in the struggle for
markets. Vnesh. torg. 29 no.6:38-42 '59. (MIRA 12:9)
(United States--Patents)

SMIRNOV, G.V.; IN'KOV, Yu.I.; YASNOVSKIY, N.P.; INOZEM'TSEV, N.N., red.

[Business conditions in the capitalist market of machinery]
Metodologiya izucheniya kon'yunktury kapitalisticheskogo
rynka oborudovaniya. Moskva, Vneshtorgizdat, 1960. 116 p.
(MIRA 14:11)

1. Moscow. Nauchno-issledovatel'skiy kon'yunkturnyy institut.
(Machinery industry)

IN'KOV, Yuriy Ivanovich; BORISOVA, K., red.; NAZAROVA, V., red.; KIRSANOVA, I.,
mladshiy red.; ULANOVA, L., tekhn.red.

[Radioelectronics in the service of the military monopolies of
the U.S.A.] Radioelektronika na sluzhbe voen'nykh monopolii
SShA. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1962. 124 p.

(MIRA 15:4)

(United States—Electronic industries)

SAKOVICH, A.A., kand. tekhn. nauk; BRUNSHTEYN, D.P., inzh.; IN'KOV, Yu.M., inzh.

Effect of the plate current drop rate on the recovery of the
peak inverse anode voltage of semiconductor devices. Elektrotehnika.
36 no.9:37-41 S '65. (MIRA 18:9)

SAKOVICH, A.A., kand. tekhn. nauk; YUDITSKIY, S.B., kand. tekhn. nauk;
KURTSINA, Z.T., inzh.; FUKALOVA, R.A., inzh.;
IN'KOV, Yu.M., inzh.

Converter system with silicon rectifiers for a.c. multiple-
unit cars. Elektrotehnika 34 no.11:25-30 N '63.

(MIRA 17:2)

ISAYEV, I.P., prof., doktor tekhn. nauk; S'KOVICH, A.A., kand. tekhn. nauk;
BRUNSHTEYN, D.P., inzh.; IN'KOV, Yu.M., inzh.; POLYAKOVA, T.S., inzh.

Distribution of reverse voltage in series-connected rectifiers.
Trudy MIIT no.207:15-29 '65. (MIRA 19:1)

IN'KOVA, N.M.; KLEMENT'YEVA, N.F.

Separate determination of calcium and magnesium in lime carbonate.
Khim.i tekhn.topl.i masel 6 no.8:64-65 Ag '61. (MIRA 14:8)

1. Orenburgskiy Neftemaslozavod.
(Calcium—Analysis)
(Magnesium—Analysis)
(Calcium carbonate)

IN'KOVA, N.M.

Operation of oxidation equipment and production of lubricating greases at the Orenburg Petroleum Oil Plant. Proizv. smaz. mat.
no.6/8:64-67 '61. (MIRA 14:8)

1. Orenburgskiy neftemaslozavod.
(Orenburg--Lubrication and lubricants)

AUTHOR: In'kova, N. M. Piyunidna, Yu. L.

... of the production of T-147M-189 and

Card 1/2

ASSOCIATION ...

NUMBER: 000

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S/065/62/000/010/004/004
E075/E136

AUTHORS: In'kova, N.M., Makarov, P.T., and Klement'yeva, N.F.

TITLE: Determination of sulphur in heavy petroleum products and additives by the iodometric method

PERIODICAL: Khimiya i tekhnologiya topliv i massel, no.10, 1962, 60-62

TEXT: Deficiencies in the determination of S in heavy petroleum products by reacting barium chromate with sulphate ions were overcome by using BaCl_2 and potassium chromate solutions instead of solid barium chromate, which is not soluble in water. This modification reduced the time of S determination by a factor of 5 to 6 compared with a standard gravimetric barium sulphate method ГOCT 1431-49 (GOST 1431-49). In the modified method an oil sample is ashed which converts any Ba present into BaCO_3 and sulphur into Na_2SO_4 . The latter is extracted with hot water and the extract made up to 100 ml. A part of the solution is treated with a standard BaCl_2 solution and the excess barium treated with an excess of standard potassium chromate solution in weakly

Card 1/2

MAKAROV, P.T.; IN'KOVA, N.M.; KLEMENT'YEVA, N.F.

Determination of phosphorus in heavy petroleum products
and additives by means of the volumetric method during
ashing. Khim. i tekhn. topl. i masel 8 no.5:65-66 My '63.
(MIRA 16:8)

IN'KOVA, V. M.

IN'KOVA, V. M.: "The therapeutic effect of 'erizid' in cardiac insufficiency." Min Health RSFSR. Saratov State Medical Inst. Saratov, 1956. (Dissertation for the Degree of Candidate in Medical Sciences)

Source: Knizhnaya letopis'

No. 28

1956

Moscow

USSR / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42382.

Author : ~~Inikova, V. M.~~

Inst : Chkalov Medical Institute.

Title : The Effect of Eryside*) on Some Hemodynamic Indices.

Orig Pub: Tr. Chkalovskogo med. in-ta, 1956, vyp. 5, 79-84.

Abstract: The effect of eryside (E) on circulation velocity, arterial and venous pressure was studied in 100 patients with heart failure. E was injected intravenously, in doses of 0.5-1 ml in 3 ml of physiological solution. The venous pressure decreased by 20-80 mm of water in the majority of patients (67-75%) immediately after injection of E as well as at the end of the course of therapy. The arterial pressure, more often, both the systolic (in 42.7%) and diastolic (in 50%) remained unchanged,

Card 1/2

IN'KOVA, Ye.N.; GRINBERG, A.A.

Reduction of platinum occurring in the course of the synthesis of
hexamine. Trudy LTI no.46:17-20 '58. (MIRA 14:4)
(Platinum) (Diphenylamine)

USSR / Pharmacology, Toxicology. Cardiovascular Drugs. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42382.

Abstract: and when it did change it was only by 10-30 mm of
mercury. The elevation or fall of the arterial
and evnous pressure occurred mostly in the direc-
tion of normalization. Directly after injection
of E the circulation velocity, by the magnesium
method, increased by 10-30 seconds in the majority
of patients; by the ether method - by 5-10 seconds.
At the end of the treatment the circulation velo-
city reached normal values in 65% of the patients.
-- L. N. Lavrent'yev.

APPROVED FOR RELEASE, 08/10/2001 solution of glucosides of
Erysimum canescens for intravenous application
CIA-RDP86-00513R000618610018-0

AUTHORS: Grinberg, A. A., In'kova, Ye. N. 78-3-6-7/30

TITLE: On the Mechanism of the Synthesis of Hexamine Platinum-(IV)
(K voprosu o mekhanizme sinteza geksammina chetyrekhvalentnoy platiny)

PERIODICAL: Zhurnal Neorganicheskoy Khimii, 1958, Vol. 3, Nr 6,
pp. 1315-1325 (USSR)

ABSTRACT: It was found that in the synthesis of hexamine platinum-(IV) a reduction of platinum-(IV) occurs in platinum-(II) if $[PtEt_4Cl_2]$, $(HSO_4)_2$, NH_4OH and $(NH_4)SO_4$ are used as initial components.
Experiments were carried out for the explanation of the action of various oxidizing and reducing agents on the hexamine reactions. On this occasion it was found that in the presence of potassium permanganate, manganese sulfate and H_2O_2 in the reaction medium hexamine formation does not take place. However, the yield of hexamine is 80 - 90% in the presence of chlorine as oxidizing agent in the reaction medium. This reaction is of special interest for the explanation of the mechanism of formation of platinum hexamines. The mechanism consists in repeated oxidation and reduction

Card 1/2

On the Mechanism of the Synthesis of Hexamine Platinum-(IV) 78-3-6-7/30

of platinum. Instead of gaseous chlorine a freshly prepared solution of NaOCl can be used as oxidizing agent. Also the action of the quantity of the ammonia introduced into the solution was investigated and it was found that at higher concentration of ammonia in the solution favorable conditions for the production of platinum hexamine exist. The yield of hexamine is increased by the introduction of small quantities of cobalt-(II)-salts into the reaction mixture.

There are 9 tables and 12 references, 10 of which are Soviet.

SUBMITTED: October 26, 1957

AVAILABLE: Library of Congress

1. Hexamine platinum--Synthesis

Card 2/2

IN'KOVA, Ye. N., Candidate of Chem Sci (diss) -- "The problem of the mechanism of synthesis of the hexamine of tetravalent platinum". Leningrad, 1959. 14 pp (Min Higher Educ USSR, Leningrad Order of Labor Red Banner Tech Inst im Leningrad Soviet), 150 copies (KL, No20, 1959, 109)

GRINBERG, A.A.; IN'KOVA, Ye.N.

Exchange of ethylamine in the system $[\text{Pt}(\text{CH}_3\text{CH}_2\text{NH}_2)_4]\text{SO}_4 - 4\text{CH}_3\text{C}^{14}\text{H}_2$
 NH_2 . Radiokhimiia 1 no.1:103-104 '59. (MIRA 12:4)
(Platinum compounds) (Carbon—Isotopes)
(Ethylamine)

MUSAKIN, A.P.; VLADIMIROVA, T.M.; IN'KOVA, Ye.N.; OSIPOV, V.A.

Some problems in the synthesis of tagged compounds. Radio-
khimii 1 no.6:734-737 '59. (MIRA 13:4)
(Carbon--Isotopes) (Potassium cyanide)
(Citric acid)

GRINBERG, A.A., akademik; STETSENKO, A.I.; IN'KOVA, Ye.N.

Acidic properties of cis- and trans-isomers of $[\text{Pt}(\text{glu})_2(\text{NH}_3)_2] \text{Cl}_2$.
Dokl. AN SSSR 136 no.4:821-823 P 1961. (MIRA 14:1)

1. Leningradskiy tekhnologicheskii institut imeni Lensoвета.
(Platinum compounds)

GRINBERG, A.A., akademik; GEL'FMAN, M.I.; IN'KOVA, Ye.N.; SHAGISULTANOVA, G.A.

Presence of exchange between irradiated metallic platinum and complex
ions of divalent platinum in aqueous solutions. Dokl. AN SSSR 137
no.3:597-598 Mr '62. (MIRA 14:2)

(Platinum—Isotopes)

GRINBERG, A.A.; IN'KOVA, Ye.N.; DOBROBORSKAYA, A.I.

Solubility of geometrical isomers of platinum complexes in
solutions of electrolytes. Zhur.neorg.khim. 7 no.5:987-991
My '62.

(MIRA 15:7)

(Platinum compounds) (Solubility)

GRINBERG, A.A., akademik; IN'KOVA, Ye.N.; VARSHAVSKIY, Yu.S.

New modification of cis-platodiglycine. Dokl. AN SSSR 150
no.4:805-808 Je '63. (MIRA 16:6)

(Platinum compounds) (Glycine)

VARSHAVSKIY, Yu.S.; IN'KOVA, Ye.N.; GRINBERG, A.A.

Infrared spectra and the structure of the glycine derivatives of
bivalent platinum. Zhur. neorg. khim. 8 no.12:2659-2667 D '63.
(MIRA 17:9)

INMASHEV, G.S.

Distribution of the calcium isotope Ca^{45} in lyophilized and bouillon
bone homoplastic transplant. Eksper.khir. 5 no. 3:62-63 My-Je '60.

(MIRA 14:1)

(CALCIUM—ISOTOPES) (BONE GRAFTING)

INNEMAN, Bohumir

The exhibit'ion of new technological methods. Stroj vyr 13
no.4:263 Ap '65.

1. Ministry of Heavy Engineering Industry, Prague.

GORKIN, M.Ya.; YEVGEN'YEVA, L.Ya.; INNOKOVA, T.G.

Characteristics of restorative stage following physical
exercise. Vopr.fiziol. no.9:147-154 '54. (MIRA 14:1)

1. Kiyevskiy institut fizicheskoy kul'tury, kafedra fiziologii.
(EXERCISE,
restoration of normal funct.)

INOCAN, C.

Orientating attention and efforts toward the principal problems of labor activity. Munca sindic 7 no.8:35-38 Ag '63.

1. Presedintele Consiliului local al sindicatelor, Turda.

INOCHENTSI-LARIONOVA, T.I., Cand Med Sci -- (diss) "Innervation *of tissues*
of the human tonsils *as a function of* ~~in relation to the age~~ *-related* peculiarities
of its structure." Ryazan', 1959, 14 pp (Ryazan' State Med
Inst in Academician I.P. Pavlov) 200 copies (KL, 35-59, 116)

INCHENTSI-LARIONOVA, T.I.

Innervation of the palatine tonsil in man in connection
with the age-related characteristics of its structure. Vest.
otorin. no.1:55-60 '63. (MIRA 16:9)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. V.K.
Beletskiy) Tyazanskogo meditsinskogo instituta imeni aka-
demika I.P.Pavlova.

(TONSILS—INNERVATION) (AGING)

INOCHKIN, I.

Increase the manufacture of automatic machines of various types and good quality. Isobr. i rats. no.8:2-4 Ag '59.

(MIRA 13:1)

1.Glavnyy konstruktor otdela avtomatizatsii i mekhanizatsii
Stalingradskogo traktornogo zavoda.
(Machinery, Automatic)

INCHKIN, C.E.																																																																																
PROCEDURES AND PROPERTIES INDEX																																																																																
<p>CA</p> <p style="text-align: right;">19</p> <p>Removal of gas from clay suspensions by vacuum. <i>F. T. Dole, Trans. Am. Ceram. Soc., No. 4, 62-4 (Oct.) 1941; Ceram. Lab., 1943, I, 818.</i>--By using vacuum to remove gases from clay suspensions their sp. gr. is increased by 25%, this causes considerable savings by elimination of heavy adds. (barite). I. M. Nov</p>																																																																																
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INOCHKIN, P.T.; UDYANSKIY, N.Ya., redaktor; MURATOVA, V.M., redaktor;
POLOSINA, A.S., redaktor.

[From experience in drilling oil and gas wells in complicated circumstances] Iz opyta bureniia neflianykh i gasovykh skvazhin v osloshennykh usloviakh. Moskva, Gos. nauchno-tekhn. izd-vo neflianoi i gorno-toplivnoi lit-ry, 1952. 59 p.

(MIRA 7:3)

(Petroleum--Well boring)

VAYNSHTEYN, S.S.; INOCHKIN, P.T., redaktor; TAUMIN, I.M., redaktor; MASSO-
LOV, Ya.M., tekhnicheskii redaktor.

[Mechanized oil well cementing] Mekhanizatsiia rabot pri tsementirova-
nii skvazhin. Moskva, Gos.nauchno-tekhn.izd-vo neftianoi i gorno-topl.
lit-ry, 1954. 36 p. (MLRA 8:4)
(Oil well drilling)

INOCHKIN, Petr Trofimovich; PROKSHITS, Viktor Leont'yevich; PHTROVA, Ya.A.,
vedushchiy red.; FEDOTOVA, I.G., tekhn. red.

[Manual of the master driller] Spravochnik burovogo мастера. Moskva,
Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1958.
378 p. (MIRA 11:10)

(Oil well drilling)

INGCHIN, V., master.

Labor consumption was reduced. Stroitel' no.7:10 J1 '57. (MLRA 10:9)
(Hoisting machinery) (Concrete construction--Formwork)

INOCHKINA, R.M.

Sudden death from a spontaneous rupture of the heart in a one-and-a-half-year-old child. Sud.-med.ekspert. 3 no.1:60-61 Ja-Mr '60.
(MIRA 13:5)

1. Kafedra sudobnoy meditsiny (sav. - prof. O.Kh. Porksheyan)
Chelyabinskogo meditsinskogo instituta.
(HEART--RUPTURE)

INOCHKINA, R. M., CAND MED SCI, "SUDDEN DEATH FROM SPONTANEOUS CARDIAC RUPTURES." CHELYABINSK, 1961. (MIN OF HEALTH RSFSR. FIRST LENINGRAD MED INST IMENI AKAD I. P. PAVLOV). (KL-DV, 11-61, 228).

-253-

MIICOU, St.M. [Milcu, St.M.]; INOESCU, B.; STRIHAN, Pulca; ILIESCU, Ileana;
AUGUSTIN, M.; MAXIMILIAN, C.

Congenital anorchia. Rev Roum embryol 1 no.2:89-96 '64.

1. Institute of Endocrinology, Rumanian Academy, Bucharest.

INOESCU, Ioan, ing.

Device for unloading bulk cement from railroad tank cars. Constr
Buc 17 no.795:4 3 Ap '65.

1. General Directorate of Supplies and Marketing, Ministry of
the Construction Indust.,.

ANOG'HOV, A.; BIL'YEV, N.O.

Ion exchange method for obtaining galanthamine from plant
raw material. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 8
no.3:485-487 '65. (MLRA 18:10)

1. Tashkentskiy politekhnicheskii institut, problemnaya
laboratoriya polimerov.

SOV/112-58-1-396

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1, p 59 (USSR)

AUTHOR: Inogamov , A. A.

TITLE: Electric Load Curves of Raw-Cotton Cleaning Plants and Creameries
(O grafikakh elektricheskikh nagruzok khlopkoochistitel'nykh i masloboynykh zavodov)

PERIODICAL: Tr. In-ta energ. AN UzSSR, 1957, Nr 10, pp 193-197

ABSTRACT: Actual daily and yearly load curves as percentages of the winter maximum load are presented. Influence of raw-material grade cotton on electric energy consumption is examined, and expected annual load curves are drawn up. Electric-energy consumption is 20% less when low grades of raw-cotton are processed and 10% less when low grades of cotton seeds are processed, compared with energy consumption when higher grades are processed.

V. V. M.

AVAILABLE: Library of Congress

1. Industrial plants--Power 2. Electricity--Consumption

Card 1/1

INO-GAMOV A. A.

p. 2

AUTHOR: Sergeyev, A.S., Docent

105-58-5-26/28

TITLE: Dissertations (Dissertatsii)

PERIODICAL: Elektrichestvo, 1958, Nr 5, pp. 93-93 (USSR)

ABSTRACT: For the Degree of Candidate of Technical Sciences:
At the Yerevan Polytechnic Institute imeni Marks (Yerevanskiy politekhnicheskiy institut im. Marksa):
A.Kh.Saradzhev on January 9, 1946 "Supplies for the Requirements of Automatized Hydraulic Power Plants". Official opponents: Professor A.Ya.Ter-Khachaturov and N.V.Gabashvili, Docent, Candidate of Technical Sciences.
At the Polytechnic Institute of Belorussia imeni Stalin (Belorusskiy politekhnicheskiy institut im. Stalina):
Ya.Yu.Slepyan on March 27, 1953 "Drying of Power Transformers by the Method of Losses in the Case of Electric Networks in Rural Districts". Official opponents: L.Ye.Ebin, Professor, Doctor of Technical Sciences and A.I.Sobolev, Docent, Candidate of Technical Sciences.
V.P.Krasin on May 29, 1953 "The Automatic Re-Establishment of Connection in Electric Networks and Plants of Mineral Oil Fields

Card 1/4

Dissertations

105-58-5-26/28

by 2-6 kV voltage". Official opponents: I.I.Greben', Professor, Doctor of Technical Sciences and A.I.Rutskiy, Docent, Candidate of Technical Sciences.

At the Institute for Power Engineering AS Uzbek SSR (Institut energetiki AN Uzbekskoy SSR):

M.Ye.Syrkin-Shklovskiy on November 5, 1947 "Some Problems Connected with the Theory of Resonance in Multiphase Circuits".

Official opponents: N.N.Shchedrin, Professor, Doctor of Technical Sciences and G.R.Rakhimov, Docent, Candidate of Technical Sciences.

A.A.Inogamov on December 29, 1949 "The Investigation of Asymmetric Modes of Operation of Three-Phase Transformers". Official opponents:

N.N.Shchedrin, Professor, Doctor of Technical Sciences and M.Z.Khamudkhanov, Docent, Candidate of Technical Sciences.

I.A.Reyneke on December 29, 1949 "Investigation of the Basic Properties of Independent Invertors in Connection with the Problems of D.C.Transformation". Official opponents: V.P.Zakharov, Doctor of Technical Sciences and Rakhimov, G.R., Docent, Candidate of Technical Sciences.

Card 2/4

INOAMOV, A.A.; YUABOV, B.M.

Functioning of SP-110 stick insulators in Central Asia. Izv.
AN Uz. SSR. Ser. tekhn. nauk no.5:21-24 '59.

(MIRA 13:3)

(Electric insulators and insulation)

INOZAMOV, A.A.; YUABOV, B.M.

Using P-4,5 insulators with semiconducting glaze in Central
Asia. Izv.AN Uz.SSR.Ser.tekh.nauk no.1:27-33 '60.
(MIRA 13:6)

1. Institut energetiki i avtomatiki AN UzSSR.
(Electric insulators and insulation)

INOAMOV, A.A.

Nonsymmetrical stationary conditions of three-phase transformers. Izv.AN Uz.SSR. Ser.tekh.nauk no.3:17-26 '61.
(MIRA 14:6)

1. Institut energetiki i avtomatiki AN UzSSR.
(Electric transformers)

INOAMOV, A.A. (Tashkent); ZAKIROV, N.M. (Tashkent); PAL'KOVSKIY, N.I.
(Tashkent)

Study of the effect of meteorological conditions on the discharge
characteristics of air gaps. Izv. AN SSSR. Energ. i transp.
no.1:106-108 Ja-F '64. (MIRA 17:4)

INOAMOV, A. B.

"Experimental Study of Certain Antigens of Different Leishmania Species."
Cand Biol Sci, Tashkent Sci-Res Inst of Vaccines and Sera, Tashkent, 1953.
(RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

INOAMOV, A. B.

KHODUKIN, N.I.; LISOVA, A.I.; INOAMOV, A.B., direktor instituta; KHODUKIN, N.I., professor, nauchnyy rukovoditel'.

Effect of light cycle upon the development of the larvae of *Anopheles bifurcatus* L. during the diapause stage. Med.paraz.i paraz.bol. no.4: 357-360 J1-Ag '53. (MLRA 6:9)

1. Tashkentskiy institut epidemiologii i mikrobiologii.
(Mosquitoes) (Light--Physiological effect)

EXCERPTA MEDICA Sec 15 Vol.11/6 Chest June 56
Inogamov A.B.
1508. IMMUNOGENICITY OF AVIRULENT CULTURES OF M. TUBERCULOSIS
GROWN FROM FILTRABLE FORMS (Russian text) - Veissfeiler J. K.,
Inogamov A. B. and Engalicheva A. M. - ZH.MIKROBIOL. 1957,
2 (8-12) Tables 1 illus. 1

The preparation of an antituberculous vaccine from various tb bacilli and comparison with BCG vaccine immunizing action are described. Studies were made by using BCG and various tb bacilli acquired from the filtrable forms by method of adsorption. These cultures proved to be avirulent and their immunizing action stronger than the immunizing action of BCG vaccine. Kubaia - Bratislava (IV, 15)

VEYSFEYLER, Yu.K. prof., INOGAMOV, A.B., LYUBETSKAYA, M.Z., dots.,
ANDREYEVA, O.M.,

Diagnostic value of the cutaneous plaster tuberculin patch.
Sov.med. 22 no.5:25-28 My '58 (MIRA 11:7)

1. Iz Tashkentskogo nauchno-issledovatel'skogo instituta vaktsin
i syvorotok Ministerstva zdavookhraneniya SSSR (dir. - kand.biol.
nauk A.B. Inogamov) i detskoy kliniki Tashkentskogo meditsinskogo
instituta (dir. prof. R.S. Gershenovich).

(TUBERCULIN REACTION.

test, cutaneous plaster tuberculin stamp (Rus))

INOAMOV, A.B.; YENGALICHEVA, A.M.; ANDREYEVA, O.M.; DANILOVA, R.I.

Study of some biological properties of tuberculous vaccine strain
115 on monkeys. Trudy TashNIIVS 6:3-7 '61. (MIRA 15:11)
(BCG) (MYCOBACTERIUM TUBERCULOSIS)

INOAMOV, A.B.; YENGALYCHEVA, A.M.

Possibility of reversion of the BCG culture in experimental
infection of Syrian hamsters. Trudy Tash. NIIVS 5:165-166'62.
(MIRA 16:10)

(BCG VACCINATION)

/ INOGAMOV, A.B. [deceased] YENGALYCHEVA, A.M.; ANDREYEVA, O.M.;
DANILOVA, R.I.

Testing of the biological properties of the vaccinal tuberculous
strain No.115 in experiments on monkeys. Zhur. mikrobiol., epid.
i immun. 42 no.7:128-132 J1 '65. (MIRA 18:11)

1. Tashkentskiy institut vaktsin i syvorotok.

INOAMOV, I.

Selective removal of formations of a complex structure in pits in
the U.S.S.R. Izv. AN Uz.SSR. Ser. tekhn. nauk. no. 2:21-31 '60.
(MIRA 13:10)

1. Gornyy otdel AN UzSSR.
(Strip mining)

INOZAMOV, Kh.Kh.; KRIGEL', V.M.

Eastern boundary of the Ustyurt tectonic zone. Sov. geol. 8
no.6:153-155 To '65. (MIRA 18:8)

1. Institut geologii i razvedki neftyanykh i gazovykh mestorozh-
deniy.

INOAMOV, Kh.Kh.; FEDOTOV, Yu.A.

Using the residual anomalies of the force of gravity in prospecting
submerged structures in the Ustyurt. Neftegaz.geol.i geofiz.no.8:
43-46 '64. (MIRA 17:9)

1. Ustyurtskaya geofizicheskaya ekspeditsiya.

INOAMOV, R.Sh.; NAKHAMKIN, S.A.; RUDAKOV, A.G.; KHARITONOV, A.I.

Using the controlled directional sensitivity method with preliminary multi-element grouping under conditions of intensive seismic interference. Prikl. geofiz. no.39:62-74 '64. (MIRA 17:9)

INOAMOVA, L.

Single and multiple pollination by pollen during different developmental stages of the pistil of the cotton plant. Usb. bialshur. (MIRA 16:5)
6 no.6:74-77 '62.

1. Institut genetiki i fiziologii rasteniy AN USSR.
(FERTILIZATION OF PLANTS) (COTTON)

INOAMOVA, L.

Effect of the age and quality of pollen on the selectivity of
fertilization in cotton. Uzb.biol.sbur. 6 no.6:77-78 '62.

(MIRA 16:5)

1. Institut genetiki i fiziologii rasteniy AN UzSSR.
(COTTON) (FERTILIZATION OF PLANTS)

INOAMOVA, L.

Selectivity of the fertilization of cotton in relation to
the age of generative elements. Uzb. biol. zhur. 7 no.18
34-39 '63 (MIRA 17:7)

1. Institut genetiki i fiziologii rasteniy AN Uzbekskoy SSR.

INOAMOVA, L.Sh.

Selectivity in the fertilization of cotton plants in relation to the
resulting biological features. Dokl. AN Uz. SSR 20 no.1:48-51
'63. (MIRA 16:6)

1. Institut genetiki i fiziologii rasteniy AN Uzbekskoy SSR.
Predstavleno akademikom AN Uzbekskoy SSR S.S.Kanashom.
(Fertilization of plants) (Cotton)

INOAMOVA, S.

Evolution of the circumpolar whirl in the Northern Hemisphere in
the autumn of 1959. Trudy Inst. mat. AN Uz. SSR no. 25:45-65
'62. (MIRA 16:8)

(Arctic regions--Winds)

YAKOVENKO, Vasil'y Aleksandrovich, kand. tekhn. nauk, dotsent;
INOGORODSKIY, Arnol'd Vasil'yevich, inzh.

Increasing the stability of the speed characteristics of d.c.
motors with a wide range of regulation. Izv. vys. ucheb. zav.;
elektromekh. 8 no.1:30-34 '65.

(MIRA 18:3)

1. Khar'kovskiy politekhnicheskiy institut.

BARDASH, A.; INOKENT'YEV, Zh.

Kommunarsk metallurgical plant. Metallurg 8 no.9:23-25 S '63.
(MIRA 16:10)

(Kommunarsk—Iron and steel plants)

L 2169-66

EWT(m)/EPF(c)/EWP(j)/T/EWA(c) RM
ACCESSION NR: AP5024499

UR/0191/65/000/010/0011/0013
678.664-498

AUTHOR: Kafengauz, A. P.; Inokhodova, A. A.; Kondrat'yeva, L. V.

TITLE: Elastic polyurethane foams

SOURCE: Plasticheskiye massy, no. 10, 1965, 11-13

TOPIC TAGS: foam plastic, polyurethane, oligomer, elasticity

ABSTRACT: The proposed synthesis of elastic polyurethane foams is based on the formation of a partially cross-linked prepolymer having a higher molecular weight than that of the prepolymers usually used. The prepolymer is synthesized in two stages: the polyetherisocyanate is prepared by reacting toluylene diisocyanate (TDI) and propylene oxide oligomer (NCO:OH molar ratio of 1.05:1) for 2 hours at 90C. The polyetherisocyanate is then mixed with additional TDI while maintaining pH of 5-5.6. The desired amount of crosslinkage in this prepolymer is controlled by viscosity measurements. The polyurethane foam is made by vigorously agitating the prepolymer for 10-20 seconds with an aqueous catalyst

Card 1/2

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ACCESSION NR: AP5024499

solution containing a surfactant, pouring into a form and curing for 2 hours at 60C. The 2,4-isomer of TDI and 65/35 and 80/20 mixtures of 2,4 and 2,6 isomers of TDI were tried; the product of TDI 80/20 gives the best physical-mechanical properties. A mixture of tertiary amines or a mixture of tertiary amine and organotin catalyst is suitable. Polyoxypropylenetriol having a molecular weight of about 3000, or mixtures of such triol with diols having a molecular weight of about 2000 as the oligomer, give a product with the highest physico-mechanical indices. Orig. art. has: 3 tables

ASSOCIATION: None

SUBMITTED: 00

NR REF SOV: 001

ENCL: 00

SUB CODE: MT, CC

OTHER: 007

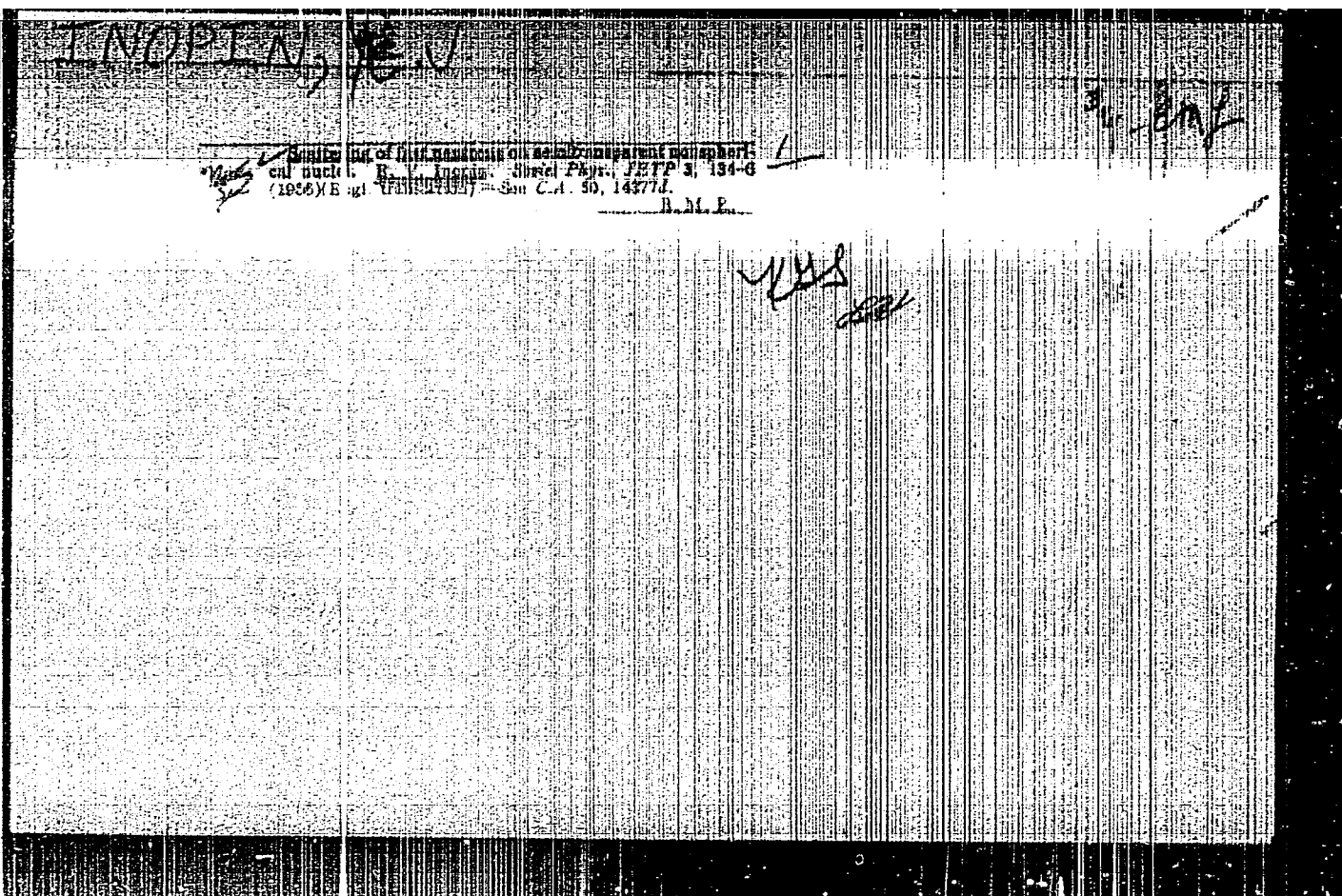
Card 2/2 *dg*

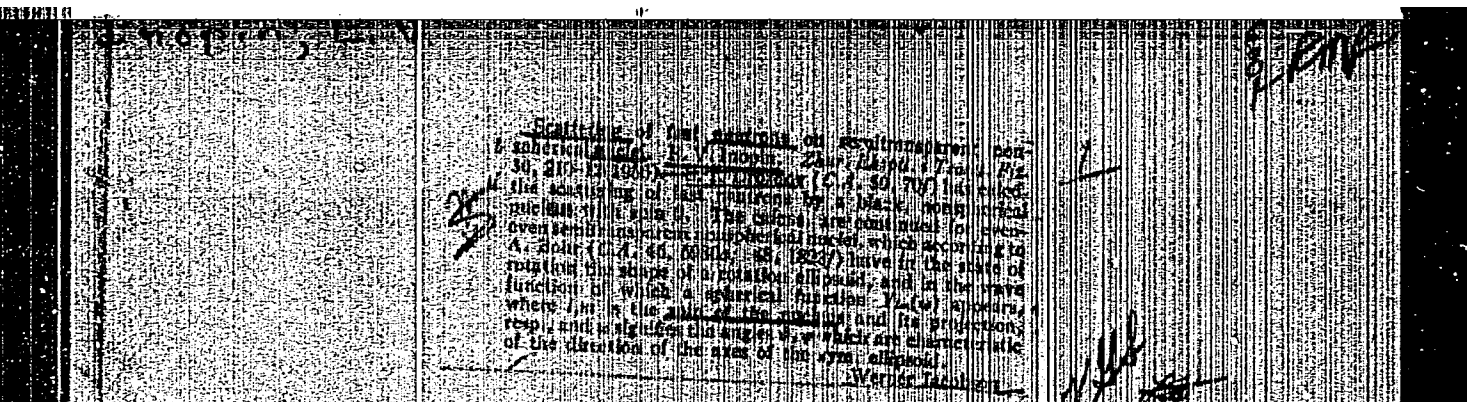
VOLKOV, V.T.; DUDKO, A.A.; LEBEDEV, V.P.; LIPGART, B.K.; MIKHAYLOV, B.V.,
kand.tekhn.nauk; MIKHAYLOV, V.A., kand.tekhn.nauk; REKUNOV, V.F.;
SAVEL'YEV, N.P.; SOROKIN, V.V.; KHARIN, A.I. kand.tekhn.nauk;
Prinimali uchastiye: IVANOV, N.A., kand.tekhn.nauk;
INOKOVA, O.L.; GOMOZOVA, N.A., red.; NAUMOVA, G.D., tekhn.red.

[Mechanization and automation in the rock products industry]
Mekhanizatsiia i avtomatizatsiia v promyshlennosti nerudnykh
stroitel'nykh materialov. [By] V.T.Volkov i dr. Moskva,
Gosstroizdat, 1963. 353 p. (MIRA 17:3)

ARASLANOV, Klin Mikhaylovich; INOMISTOV, V.I., red.; KARDAKOVA,
Ye.A., red.

[Ways to improve the use of capital assets; based on the
materials of an analysis of the industry of Kirov Province]
Puti vlichsheniia ispol'zovaniia osnovnykh fondov (na mate-
rialakh analiza prokryshlennosti Kirovskoi oblasti), Kirovsk,
Kirovskoe knizhnoe izd-vo, 1963. 150 p. (MIRA 17:7)





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OF THE SECRETARY OF DEFENSE

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610018-0"

SUBJECT

USSR /PHYSICS

CARD 1 / 2

PA - 1970

AUTHOR

INOPIIN, E.V.

TITLE

The Excitation of the Oscillation Levels of Nuclei on the Occasion of the Scattering of Fast Neutrons.

PERIODICAL

Zurn.eksp.i teor.fiz, 31, fasc.5, 901-902 (1956)
Issued: 1 / 1957

The present paper investigates the problem of the excitation of the first oscillation level on the occasion of the scattering of a fast neutron by a black nucleus. Here only the case in which coupling is equal to zero is dealt with.

The surface of the nucleus is given by the equation $r(\vartheta, \varphi) = R \left[1 + \sum_{\mu} a_{\mu} Y_{2\mu}(\vartheta, \varphi) \right]$, and production- and annihilation operators v_{μ}^* and v_{μ} of the phonons are assigned to the coordinates a_{μ} :
 $a_{\mu} = \sqrt{\hbar/2B\omega} [v_{\mu} + (-1)^{\mu} v_{-\mu}^*]$. For the matrix elements of the operators v_{μ} and v_{μ}^* it applies that $(2_{\mu} | v_{\mu}^* | 00) = \delta_{\mu\mu'}$, $(2_{\mu} | v_{\mu} | 00) = 0$. For the energy of the oscillations of the surface it holds that $\epsilon_n = \hbar\omega (n + 5/2)$, where n denotes the number of phonons. The energy $\epsilon_1 = \hbar\omega$ of the first excited level in the nuclei under investigation is within the limits $0,3 \leq \epsilon_1 \leq 2,0$ MeV. In the ground state the nucleus performs zero oscillations with the frequency ω . For sufficiently fast neutrons the problem can be solved in adiabatic approximation by investigating the scattering of the neutron by a nucleus with fixed surface. On this occasion the period of zero oscillations must be much greater than the duration of the collision $\tau = R/v$. Here R denotes the radius of the nucleus

Žurn.eksp.i teor.fiz,31,fasc.5,901-902 (1956) CARD 2 / 2 PA - 1970

and v the velocity of the neutron. Herefrom results the condition $(\varepsilon_1/4\pi E)kR \ll 1$, which at $\varepsilon_1 \sim 1$ MeV and at neutron energies of some dozen MeV is well satisfied. Next, expressions for the amplitude of the scattering by a black nucleus and for the cross section of scattering in the direction θ with excitation of a state in which there is a phonon with the (angular ?) momentum 2 and the projection μ of the momentum by introduction of the operators v_μ and v_μ^* and by using the matrix elements for these operators the required cross sections are obtained:

$$\sigma_0(\theta) = pR^2 \left[(J_1(kR\theta)/\theta) - kRJ_2(kR\theta)/2 \right]^2, \quad \sigma_{+1}(\theta) = 0, \quad \sigma_{+2}(\theta) = (3/8)p(kR)^2 R^2 J_2^2(kR\theta)$$

Here it is true that $p = (5\pi/8) / B$. The ratio between the cross sections of nonelastic and elastic scattering is determined essentially by the value of p . In hydrodynamic approximation it applies that $B = (3\pi/8)MR^2$, where M denotes the mass of the nucleus. However, for agreement with experimental data this value must be increased to about 5 times its amount. In this case the cross section of the process investigated is smaller by two orders of magnitude than the cross section of elastic scattering. In conclusion two possibilities for comparison with the experiment are mentioned.

INSTITUTION: Physical-Technical Institute of the Academy of Science of the Ukrainian SSR

INOPIN, Ye. V.

"The Total Neutron Cross Sections at 1-14 Mev According to the Optical Model of the Nucleus,"

"The Intermediate Energy Neutron Scattering by Non-spherical Nuclei,"

papers submitted at the All-Union Conf. on Nuclear Reactions in Medium and Low Energy Physics, Moscow, 19-27 Nov 1957.

(Physico-Tech. Inst. Ukr Acad. Sci.)

ИНОПИН, Ye. V.

ИНОПИН, Ye. V.

Neutron scattering by nonspherical nuclei [with summaries in Russian and English]. Dop. AN URSS no.3:239-241 '57. (MERA 10:9)

1. Fiziko-tehnicheskii institut Akademii nauk URSS. Predstavleno akademikom Akademii nauk USSR A.K.Val'terom.
(Neutrons--Scattering)

INOPIN, Ye. V., Cand Phys-Math Sci -- (diss) "Dispersion of neutrons
by nonspheric nuclei." Khar'kov, 1958. 8 pp. Bibliography at end of
text (14 titles) (KL, 16-58, 116)

GONCHAR, V. Y., INOPIN, E. V., and TSYTKO, S. EX P. (Moscow, USSR)

"Les Noyaux Legers et le Modele Unifie."

report presented at the Intl. Congress for Nuclear Interactions (low Energy)
and Nuclear Structure (Intl. Union Pure and Applied Physics). Paris, 7-12 July 1958.

INOPIN, Ye.V.

30-58-4-20/44

AUTHORS: Baz', A. I., Candidate of Physical and Mathematical Science
Samoilov, L.N.

TITLE: The Physics of Nuclear Reactions With Small and Medium Energies
(Fizika yadernykh reaktsiy pri malykh i srednikh energiyakh)
Conference in Moscow (Konferentsiya v Moskve)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, . . . Nr 4, pp.97-102 (USSR)

ABSTRACT: This All Union conference took place in Moscow in November 1957. The program included all fundamental problems of nuclear physics. A short survey on the transactions makes it possible to understand the problems facing nuclear physics at present. One of the most interesting and most important problems is that of nuclear models, i.e. which is the best way of model representation of nuclear properties. At present these models develop into three main directions:
1) According to the shell model the nucleus can be represented as a self-coordinating potential in the field of which nucleons move.
2) The optical model is usually applied for the quantitative description of the neutron-proton-dispersion on the nuclei.

Card 1/3